

UCRSF
10.15.1
4/1/05

Work Plan for Technical Assistance
in support of the
Environmental Protection Agency's
CERCLA actions
in the
Upper Columbia/Lake Roosevelt area

EPA Region X
Seattle, Washington
and
U.S. Fish and Wildlife Service
Upper Columbia Fish and Wildlife Office
Spokane, Washington

April 2005

Introduction

This work plan describes technical assistance activities to be carried out by the U.S. Fish and Wildlife Service (FWS) for the U.S. Environmental Protection Agency (EPA) during the development of the Upper Columbia River (Lake Roosevelt) Remedial Investigation/Feasibility Study and future CERCLA activities that may occur on the site. The FWS will conduct the tasks described below as requested by the Remedial Project Manager (RPM). Work to be completed as part of this agreement will be conducted by personnel from the Upper Columbia Fish and Wildlife Office (UCFWO). Additional support for completion of these tasks may be provided by U.S. Geological Survey and Department of the Interior Cooperative Units through agreements established by the FWS Division of Environmental Quality (DEQ) in support of the National Interagency Agreement between EPA and FWS. Quarterly reports will be provided to FWS DEQ office by the UCFWO for incorporation of cost documentation and final submission to EPA.

There are 2 major tasks associated with this work plan:

Task 1 - Technical assistance

Task 2 - Fish sampling and processing

Task 1 - Technical Assistance

This task will generally focus on assisting EPA with the development of ecological components of the RI/FS. As requested by EPA, the FWS will provide information pertinent to development of the Conceptual Site Model, Ecological Risk Assessment, identification of data needs, and response alternatives. This task will include technical reviews of RI/FS related documents, and technical input regarding identification of appropriate ecological receptors, ecologically sensitive areas, and contaminant-related effects on natural resources.

Initial activities under this task will focus on review of work plans and field sampling and analysis documents related to tissue sample collection conducted as part of the RI/FS. FWS staff will provide technical input on study design, data needs, selection of species, sampling locations and other information relevant to the investigations.

Salary

Staff	Cost per hour	total estimated hours	Total cost
GS-13	45.00	10	450
GS-13	51.00	20	1,020
GS-12	42.00	300	10,500
GS-12	40.00	20	800
GS-6	23.00	5	115
GS-5	15.00	40	600

Travel

4 trips to Seattle (2 days/each)

1,000

Task 1 Total Cost

14,485

Task 2 - Ecological sample collection and processing

Additional biological data, particularly for aquatic species, has been identified as a data need for the RI/FS. Various fish investigations have been identified as potential studies to be conducted during this process. These include collection and analyses of tissue from several fish species occurring in Lake Roosevelt, for ecological and human health risk assessment; and non-destructive sampling of white sturgeon, to evaluate risk to this long-lived and ecologically significant species. FWS will assist EPA in study design, and sample collection and processing for these investigations, and other biological investigations as determined by EPA.

2005 fish tissue collection

EPA will conduct an extensive fish investigation in 2005, involving collection of fillets and whole bodies of several fish species consumed by both subsistence and recreational fishermen, and by piscivorous fish and wildlife. This investigation will support the evaluation of both human and ecological risk. The FWS will provide field support, and assistance with sample tracking, field processing, documentation, and sample shipment. The FWS will assist EPA in development of an acceptable protocol and methodologies to complete the investigation. Sampling boat(s) and operators will be provided as available.

Salary

Staff	Cost per hour	total estimated hours	total cost
GS-12	42.00	112	4,704
GS-12	40.00	112	4,480
GS-5	15.00	112	1,680
GS-5	15.00	112	1,680

Travel

14 days lodging, M&E/3 individuals @ various locations along Lake Roosevelt during fish sampling

4,200

Equipment

fillet knives, fillet boards, foil, bags, garbage cans, propane, jars, decon materials, gloves

2,500

USFWS Boats

3,500

Task 2 Total Cost

22,744

Direct Costs for Tasks 1-2
Indirect Rate (22%)

37,229
8,191

Total Cost

45,420